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Re-evaluation Note REV2017-12

Special Review Decision: Diazinon -Subsection 17(1) of Pest Control Products Act

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Special Review Decision

Pursuant to subsection 17(1) of the *Pest Control Products Act*, the Pest Management Regulatory Agency (PMRA) has conducted a special review of pest control products containing diazinon based on toxicology information submitted under section 12 of the *Pest Control Products Act*, following the re-evaluation of diazinon (Canada, 2009). The proposed special review decision was published for consultation in the Re-evaluation Note REV2016-18, *Special Review of Diazinon-Subsection 17(1) of Pest Control Products Act: Proposed Decision for Consultation,* and it outlines the Agency's proposed decision and the reasons for it.

No comments were received during the consultation process. The PMRA, under the authority of the *Pest Control Products Act*, is confirming the current registration of pest control products containing diazinon in Canada. Mitigation measures to reduce risk as proposed in REV2016-18 are required (Appendix I).

Regulatory Directive DIR2014-01, *Approach to Special Reviews,* presents the details of the PMRA's special review approach.

To comply with this decision, the required label changes must be implemented on all product labels sold by registrants no later than 24 months after the publication date of this document. Registrants of the products containing diazinon will be informed of the specific requirements affecting their product registration(s) and of the regulatory options available to them.

Other Information

Any person may file a notice of objection[1] regarding this decision on diazinon within 60 days from the date of publication of this special review decision. For more information regarding the basis for objecting (which must be based on scientific grounds), please refer to the Pesticides and Pest Management portion of Health Canada's website, Request a Reconsideration of Decision, or contact the PMRA's Pest Management Information Service.

[1] As per subsection 35(1) of the Pest Control Products Act.

Appendix I Label Amendments for Products Containing Diazinon

The following uses must be removed from product labels:

Control of adult root maggots in rutabaga and turnip

PRECAUTIONS

The following statements are required for emulsifiable concentrates:

"Mixers/loaders must use a closed mechanical transfer loading system for liquid products. DO NOT handle more than 28 kg active ingredient per person in a day. Mixers/loaders must wear chemical-resistant coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves, chemical-resistant footwear. Applicators using groundboom equipment with a closed cab must wear coveralls over a long-sleeved shirt and long pants, socks and shoes. Wear chemical-resistant gloves when leaving the cab for cleanup and repair.

Open mixing/loading of emulsifiable concentrate product is prohibited."

DIRECTIONS FOR USE

The following statements are required:

"Use on onion is limited for control of onion maggot larvae only and application in furrow at the planting or sowing time. DO NOT apply more than one application per year.

Uses on blackberry, loganberry and raspberry are limited for control of raspberry crown borer only and application at the time when new canes reach 10 cm height. DO NOT apply more than one application per year.

Uses on rutabaga and turnip are limited for control of root maggot larvae only and application at the seedling stage. DO NOT apply more than two applications per year."

RESTRICTED-ENTRY INTERVAL

The appropriate end-use product labels must include the following statement:

"DO NOT enter or allow worker re-entry into treated areas during the restricted entry intervals to conduct activities listed in the following Table."

Crop	Activity	Restricted-entry Interval
Onion	All activities	12 hours
Blackberry, loganberry and raspberry	Al activities	12 hours
Rutabaga and turnip	Non-foliar contact scouting	12 hours
	Foliar contact scouting	25 days
	Thinning and hand weeding	15 days
	Handset irrigation	45 days
	All other activities	12 hours

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Published Information

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Unpublished Information

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2147343	Relative Sensitivity of Neonatal/Juvenile and Young Adult CD Rats After an Acute Exposure to Diazinon. Center for Life Sciences and Toxicology, RTI International, Research Triangle Park, North Carolina, Laboratory project number: 08882.4. Study report date: December 23rd, 2003. DACO 4.5.14.
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